

## RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number:	09/901,556	
Source:	01//6 1	
Date Processed by STIC:	2/1/2002	
		7

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FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

- 1. EFS-Bio (<a href="http://www.uspto.gov/ebc/efs/downloads/documents.htm">http://www.uspto.gov/ebc/efs/downloads/documents.htm</a>, EFS Submission User Manual ePAVE)
- 2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
- Hand Carry directly to:
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Revised 01/29/2002



OIPE

DATE: 02/07/2002 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/901,556 TIME: 13:35:19

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Output Set: N:\CRF3\02072002\1901556.raw

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Does Not Comply
                                                              Corrected Diskette Needed
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 4
        Neidhardt, Helge
        Bechtold, Rolf
 5
        Pohl, Jens
 6
 8 <120> TITLE OF INVENTION: GROWTH/DIFFERENTIATION FACTORS OF THE TGF-B FAMILY
10 <130> FILE REFERENCE: 100564-09021
12 <140> CURRENT APPLICATION NUMBER: 09/901,556
13 <141> CURRENT FILING DATE: 1999-08-25
15 <150> PRIOR APPLICATION NUMBER: 08/289,222
16 <151> PRIOR FILING DATE: 1994-08-12
18 <150> PRIOR APPLICATION NUMBER: DE P 44 23 190.3
19 <151> PRIOR FILING DATE: 1994-07-01
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22 <151> PRIOR FILING DATE: 1992-02-12
24 <150> PRIOR APPLICATION NUMBER: PCT/EP93/00350
25 <151> PRIOR FILING DATE: 1993-02-12
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71 cctggagccc acgaatcatg cagtcatcca gaccctgatg aactccatgg accccgagtc
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1200

RAW SEQUENCE LISTING

DATE: 02/07/2002 PATENT APPLICATION: US/09/901,556 TIME: 13:35:19

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Output Set: N:\CRF3\02072002\1901556.raw

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RAW SEQUENCE LISTING DATE: 02/07/2002 PATENT APPLICATION: US/09/901,556 TIME: 13:35:19

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170 171		Gly	Gly	Pro	Glu 5	Pro	Lys	Pro	Gly	His 10	Pro	Pro	Gln	Thr	Arg 15	Gln
174		Thr	Ala	Arg	Thr	Val	Thr	Pro	_		Gln	Leu	Pro	Gly		Lys
175				20					25					30		
178 179	Ala	Pro	Pro 35	Lys	Ala	Gly	Ser	Val 40	Pro	Ser	Ser	Phe	Leu 45	Leu	Lys	Lys
182 183	Ala			Pro			Pro 55	Arg	Glu	Pro	Lys	Glu 60	Pro	Phe	Arg	Pro
	Pro			Thr				Туг	Met	T.011	. Ger		Тτε	Δra	Фhr	T.áu
187	65					70		=			75		_	_		80
190 191	Ser	Asp	Ala	Asp	Arg 85	Lys	Gly	Gly	Asn	Ser 90	Ser	Val	Lys	Leu	Glu 95	Ala
	Gly	Leu	Ala	Asn	Thr	Ile	Thr	Ser		Ile	Asp	Lys	Gly		Asp	Asp
195	7	01	Dwo	100	17.0 7	7	T	C1 5	105	Ш	37- 3	Dha	3	110	<b>a</b>	31.
199			115	Val	•	-	_	120	_	_			125			
202	Leu	Glu	Lys	Asp	Gly	Leu	Leu	Gly	Ala	Glu	Leu	Arg	Ile	Leu	Arg	Lys
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210	Ala	Gln	Leu	Lys	Leu	Ser	Ser	Cys	Pro	Ser	Gly	Arg	Gln	Pro	Ala	Ser
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223		210		_			215					220				
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											235	•				240
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231			_		245					250			_		255	
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235	_	1	_	260	_	_	_	_	265		_	_		270	_	
		Pne		Gln	Arg	Arg	ьуs	_	Arg	Ата	Pro	Leu		Thr	Arg	GIn
239		<b>*</b>	275	D	<b>a</b>	<b>T</b>		280	<b>T</b>				285			
	GIY		Arg	Pro	ser	гуѕ		Leu	гÄг	Ala	Arg		ser	Arg	ьys	Ата
243	T 011	290	370 1	7 ~~	Dha	T	295	W-+	<b>a</b> 1	m	3	300	m	T1.	<b>-1</b> -	21-
		HIS	Val	Asn	Pne		ASP	мес	GTÀ	тгр	_	ASP	тгр	TTE	тте	
247		T	<b>a</b> 1		<i>α</i> 1	310	Dh.	TT 4 -	<b></b>	a1	315		<b>a</b>	a1	Dh -	320
	PIO	Leu	GIU	Tyr		Ата	Pne	HIS	Cys		GTÅ	Leu	Cys	GLU		Pro
251	T 011	7 ~~	Com	mi a	325	C1	Dwa	шhъ	3	330	21-	1707	T1.	01	335	T ~
254 255	ьeu	ату	Ser	His 340	ьец	GIU	PTO	TIII		UIS	HIG	vaı	тте		1111.	neu.
	Mo+	λαη	Sor	Met	λαη	Dro	Cl.	202	345	Dro	Dro	πh∽	Ctro	350	Val	Dro
259	rie c	,	355	Met	vah	PIO	GIU	360	THT	PIO	210	TIIT	365	Cys	val	PIO
	Пръъ	Δτα		Ser	Dro	T1a	Ser		Leu	Dha	Tlo	λαη		λΊο	λαη	λαν
263	TIIT	370	ьeu	PET	LIU	116	375	TTE	ьeu	FIIE	TIE	380	Ser	мта	ASII	UPII
	Va 1		ጥኒንድ	Lys	Gln	ጥኒንድ		Δen	Me+	Va 1	Val		Ser	Cve	G1 v	Cvc
200	Val	vul	TAT	пур	GTII	TAT	GIU	rsh	rie C	val	v a I	GIU	SET	Cys	ату	Cys

RAW SEQUENCE LISTING PATENT APPLICATION: US/09/901,556 DATE: 02/07/2002 TIME: 13:35:19

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302			_ •	_	85	_ •		_,		90	_	1		_	95	
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	Arg	Leu	_	Phe	His	Phe	Ser		Asp	Arg	Thr	Ala	-	Asp	Arg	Glu
310	1	<b>a</b> 1	115					120	m1 5	••- 1	<b>a</b> 1		125			m1
	Val		GIn	Ата	Ser	Leu		Pne	Pne	vaı	Gin		Pro	ser	Asn	Tnr
314	m 1	130	m 15 '	T	T	**- 1	135	**- 1	T	17-1	T	140	D	***	3	mla aa
		тгр	Thr	ьeu	Lys	150	_	val		val		GTÄ	Pro	HIS	ASII	
	145	т	mh	т о	7 l a					T 0	155	170.1	7 ~~	7 l a	000	160
321	ASII	Leu	1111	ьeu	Ala 165	THE	GIII	тут	ьeu	170	GIU	vai	ASP	Ата	175	GIÃ
	m~n	Hid	Cln	T 011	Pro	T 011	C1++	Dro	C1.1		cln	<b>λ</b> 1 α	ת 1 ת	Crra		Cln.
326		птэ		180	PIO	Leu	GTĀ	PIO	185	нта	GIII	нта	ніа	190	ser	GIII
					Leu	Glu	T.011	Val		Glu	Glv	Gln.	Val		G1n	Ser
330	GLY	111.5	195	1111	пси	OIU	пси	200	пси	GIU	OLY	GIII	205	ALG	GIII	DCI
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334	DCI	210	2.2.0	Lea	011		215	1114	1110	9		220	,		IIIu	9
	Va 1		Val	Glv	Gly	Lvs		Gln	Tle				Glv	Tle	Asp	Cvs
338								V-1.			235					240
					Arg		Cvs	Cvs	Arσ	Gln		Phe	Phe	Va l	Asp	
342	,	0-1	<b>U</b> -1	,	245		012	010	_	250					255	
		Glu	Ile	Glv	Trp	His	Asp	Trp			Gln	Pro	Glu	Glv		Ala
346	5			260			<i>E</i>		265					270	-1	
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358					-	310		4	-	-	315	-	-			320
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362		-			325	,			_	330	-	-	_		335	

RAW SEQUENCE LISTING PATENT APPLICATION: US/09/901,556 DATE: 02/07/2002 TIME: 13:35:19

Input Set : A:\100564-09021.txt
Output Set: N:\CRF3\02072002\I901556.raw

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	<211> LENGTH: 10	
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24

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This ever also appears in Segs 16 and 32

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/901,556

DATE: 02/07/2002 TIME: 13:35:20

Input Set : A:\100564-09021.txt

Output Set: N:\CRF3\02072002\I901556.raw

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- L:444 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
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- L:487 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
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- L:891 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32
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- L:893 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION: